

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Detailed Estimate for the work of Construction of RCC drain and providing RCC covering to Existing SWD at kondappa layout 25th cross road in ward No- 02 of yelahanka Sub Division.

Estimate Cost Rs. 1500000.00

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1.P. No. 5/ Item No. 2.1/ PWD SR 2015-16	cum							
			2	19.00	1.50	1.00	57.00		
			1	19.00	2.50	0.30	14.25		
	desilting		1	66.00	3.00	0.30	59.40		
	Basic Rate	148.00					130.65	156.88	20496.00
	Area Weightage @ 6%	8.88							
	Total	156.88							
2	KSRB 100-1 Loading and unloading of stone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumping turning for return trip excluding time for haulage and return trip complete as per specification item No 17.1 page 141 and KSRB M.100.4.1 cost of haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 141 (SR 2015-16)	cum							
	Basic Rate for loading and unloading	68.00					130.65	84.02	10977.00
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2.20 X 4	11.26							
		79.26							
	Area Weightage @ 6%	4.76							
	Total	84.02							

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.3/PWD SR 2015-16	Cum							
			2	19.00	1.50	0.15	8.55		
			1	19.00	2.50	0.15	7.13		
	Basic Rate	4695.00					15.68	4976.70	78010.00
	Area Weightage @ 6%	281.70							
	Total	4976.70							
4	KSRB 5.2.3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2015-16	Cum							
	2x20x1.0+0.45/2x2.0 = 58		2	19.00	0.725	2.00	55.10		
	Basic Rate	3829.00					55.10	4058.74	223637.00
	Area Weightage @ 6%	229.74							
	Total	4058.74							
5	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1 PWD SR 2015-16	sqm							
			2	19.00		2.00	76.00		
	Basic Rate	92.00					76.00	.97.52	7412.00
	Area Weightage @ 6%	5.52							
	Total	97.52							

SI	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1.4.6, No. KBS 4.1.4.6, No. 13/ Item No. 4.11/ PWD SR 2015-16								
	Cum								
	coping		2	19.00	0.45	0.15	2.57		
	bed		1	19.00	2.50	0.10	4.75		
	RCC covering cast insitu		1	19.00	3.50	0.23	15.30		
	for existing		1	65.00	3.50	0.23	52.33		
	Basic Rate	5739.00					74.94	6198.12	464456.00
	Area Weightage @ 8%	459.12							
	Total	6198.12							
7	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2014-15								
	Quintal								
	for Culvert 90 kg/cum		0.900	74.94			67.44		
				74.94			67.44	6980.58	470781.00
	Basic Rate	6463.50					67.44	6980.58	470781.00
	Area Weightage @ 8%	517.08							
	Total	6980.58							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8 KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses, buttresses plinth and string course including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15/ Item No. 4.31/ PWD SR 2015-16	sqm							
		1	19.00		2.50	47.50		
		1	65.00		3.00	195.00		
	1x2	2	19.00		0.30	11.40		
	1x2	2	65.00		0.30	39.00		
		2	65.00		0.20	26.00		
						318.90	306.72	97813.00
Basic Rate	284.00							
Area Weightage @ 8%	22.72							
Total	306.72							
							Total	1373582
KRIDL Charges 8%								109887
9 1% for Quality control								15000.00
10 Miscellaneous charges								1531.00
							Total	1500000.00

(Rupees Fifteen lakhs Only)

CERTIFICATE

- The work spot has been inspected and the work is found necessary.
- This estimate is prepared as per C.S.R. of 2015-16
- The provisions were made in this estimate are necessary and adequate.
- This works come under B.B.M.P. limits.

Ramaprasad
Assistant Engineer

Sampath
Executive Engineer
Yelahanka Division
Bangalore-64

neel
Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Administrative Approval

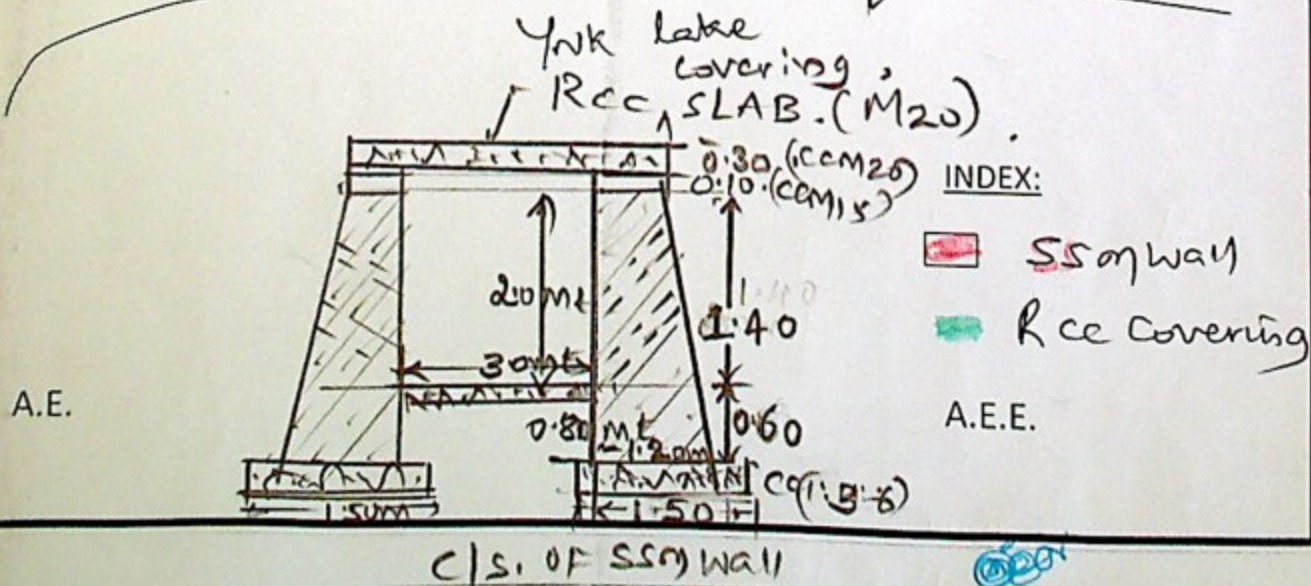
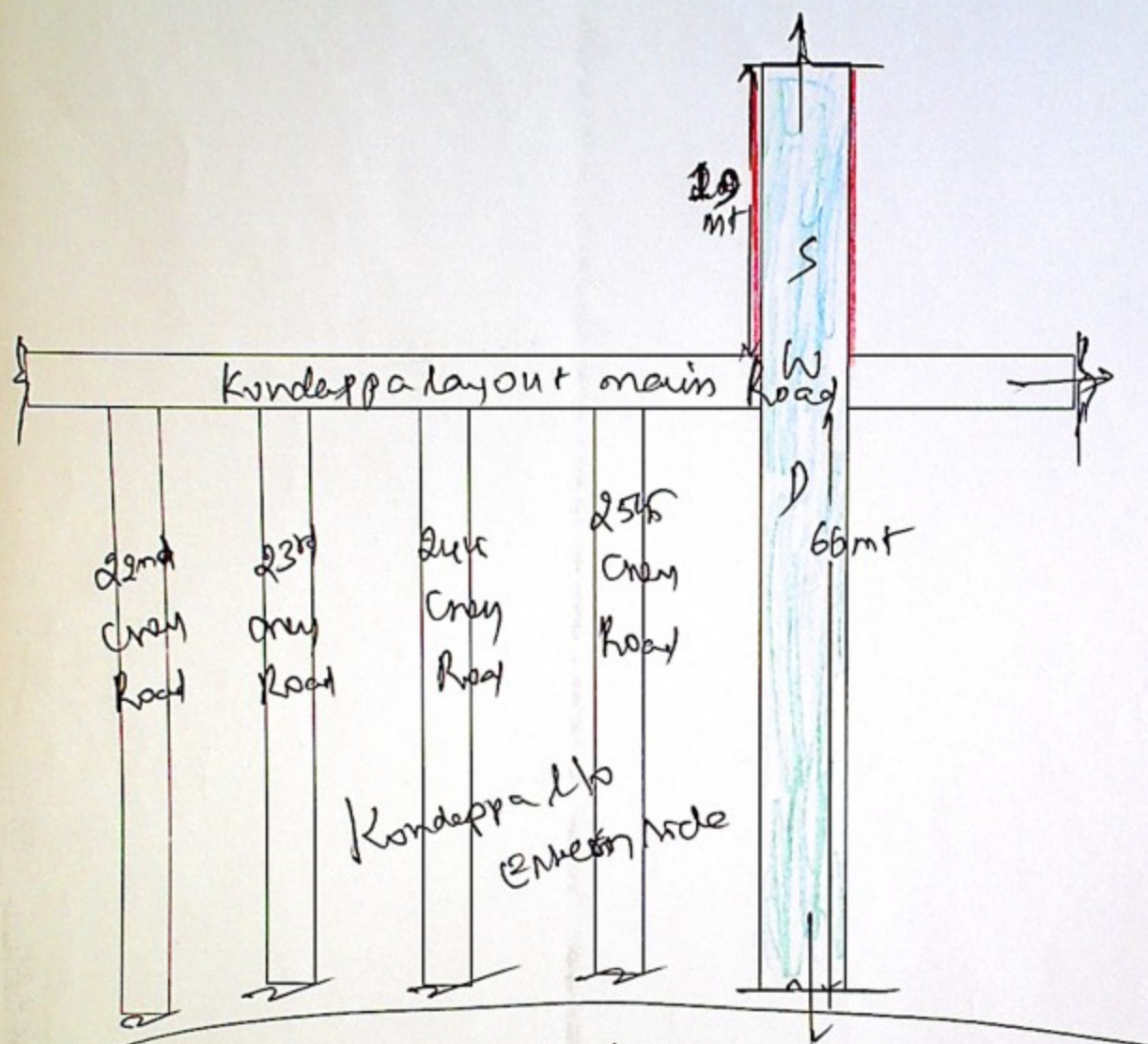
Accorded For 15.00 lakhs
Head of A/C: P-2415
CER NO 125 Dt: 10.03.16

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CE

TECHNICALLY SANCTIONED FOR Rs. <u>15.00</u> Lakhs	
Rupees	<u>Fifteen</u> Lakhs
Under	<u>P-2415</u>
Registered as CE () No.	9 9
Subject to conditions contained in enclosed memo EE () No.	19/
Dt.	10.03.16
Dated	10.03.16
	Rs. <u>15.00</u> Lakhs
Executive Engineer	

NAME OF WORK : Construction of RCC drain and providing RCC covering to Existing SWD at kondappa layout 25th cross road in ward No- 02 of yelahanka Sub Division.



Ramareddy

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore